

## 2004-2006 Tucson MSA Occupation Projections

Standard Occupation Classification (SOC) <sup>1</sup>		Employment		2 Year Change		Average Annual Change		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Growth/ Decline	Sepa- rations <sup>2</sup>	Total <sup>3</sup>
<b>00-0000</b>	<b>Total, All Occupations</b>	<b>377,551</b>	<b>404,867</b>	<b>27,316</b>	<b>7.2%</b>	<b>13,658</b>	<b>9,160</b>	<b>22,818</b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>21,667</b>	<b>23,133</b>	<b>1,466</b>	<b>6.8%</b>	<b>733</b>	<b>365</b>	<b>1,098</b>
11-1000	Top Executives	4,674	4,988	314	6.7%	157	78	235
11-1011	Chief Executives	1,528	1,624	96	6.3%	48	26	74
11-1021	General and Operations Managers	3,120	3,337	217	7.0%	109	52	161
11-1031	Legislators	26	27	1	3.8%	1	1	2
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	1,764	1,925	161	9.1%	81	29	110
11-2011	Advertising and Promotions Managers	193	211	18	9.3%	9	3	12
11-2021	Marketing Managers	515	553	38	7.4%	19	9	28
11-2022	Sales Managers	935	1,034	99	10.6%	50	16	66
11-2031	Public Relations Managers	121	127	6	5.0%	3	2	5
11-3000	Operations Specialties Managers	4,123	4,409	286	6.9%	143	60	203
11-3011	Administrative Services Managers	667	720	53	7.9%	27	12	39
11-3021	Computer and Information Systems Managers	674	720	46	6.8%	23	11	34
11-3031	Financial Managers	1,579	1,709	130	8.2%	65	19	84
11-3040	Human Resources Managers	529	563	34	6.4%	17	7	24
11-3051	Industrial Production Managers	304	313	9	3.0%	5	5	10
11-3061	Purchasing Managers	227	232	5	2.2%	3	5	8
11-3071	Transportation, Storage, and Distribution Managers	143	152	9	6.3%	5	3	8
11-9000	Other Management Occupations	11,106	11,811	705	6.3%	353	198	551
11-9011	Farm, Ranch, and Other Agricultural Managers	101	100	-1	-1.0%	-1	2	2
11-9012	Farmers and Ranchers	**	**	**	0.0%	**	**	**
11-9021	Construction Managers	683	731	48	7.0%	24	11	35
11-9031	Education Administrators, Preschool and Child Care Center/Program	267	293	26	9.7%	13	6	19
11-9032	Education Administrators, Elementary and Secondary School	512	538	26	5.1%	13	12	25
11-9033	Education Administrators, Postsecondary	1,375	1,434	59	4.3%	30	31	61
11-9039	Education Administrators, All Other	60	64	4	6.7%	2	2	4
11-9041	Engineering Managers	1,069	1,101	32	3.0%	16	19	35
11-9051	Food Service Managers	1,327	1,426	99	7.5%	50	20	70
11-9061	Funeral Directors	25	25	0	0.0%	0	1	1
11-9071	Gaming Managers	54	53	-1	-1.9%	-1	1	1
11-9081	Lodging Managers	314	353	39	12.4%	20	5	25
11-9111	Medical and Health Services Managers	1,249	1,348	99	7.9%	50	21	71
11-9121	Natural Sciences Managers	104	111	7	6.7%	4	2	6
11-9131	Postmasters and Mail Superintendents	14	15	1	7.1%	1	0	1
11-9141	Property, Real Estate, and Community Association Managers	1,070	1,226	156	14.6%	78	18	96
11-9151	Social and Community Service Managers	773	832	59	7.6%	30	13	43

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11-9199	Managers, All Other	2,107	2,159	52	2.5%	26	37	63
<b>13-0000</b>	<b>Business and Financial Operations Occupations</b>	<b>13,539</b>	<b>14,683</b>	<b>1,144</b>	<b>8.4%</b>	<b>572</b>	<b>221</b>	<b>793</b>
13-1000	Business Operations Specialists	6,855	7,340	485	7.1%	243	114	357
13-1011	Agents and Business Managers of Artists, Performers, and	22	26	4	18.2%	2	1	3
13-1021	Purchasing Agents and Buyers, Farm Products	58	63	5	8.6%	3	2	5
13-1022	Wholesale and Retail Buyers, Except Farm Products	456	488	32	7.0%	16	12	28
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm	910	943	33	3.6%	17	21	38
13-1031	Claims Adjusters, Examiners, and Investigators	155	182	27	17.4%	14	2	16
13-1032	Insurance Appraisers, Auto Damage	10	11	1	10.0%	1	0	1
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	287	303	16	5.6%	8	6	14
13-1051	Cost Estimators	601	652	51	8.5%	26	13	39
13-1061	Emergency Management Specialists	**	**	**	16.7%	**	**	**
13-1071	Employment, Recruitment, and Placement Specialists	242	263	21	8.7%	11	3	14
13-1072	Compensation, Benefits, and Job Analysis Specialists	223	245	22	9.9%	11	3	14
13-1073	Training and Development Specialists	550	595	45	8.2%	23	7	30
13-1111	Management Analysts	1,507	1,604	97	6.4%	49	18	67
13-1121	Meeting and Convention Planners	95	102	7	7.4%	4	2	6
13-1199	Business Operations Specialists, All Other	1,733	1,856	123	7.1%	62	26	88
13-2000	Financial Specialists	6,684	7,343	659	9.9%	330	107	437
13-2011	Accountants and Auditors	3,233	3,487	254	7.9%	127	56	183
13-2021	Appraisers and Assessors of Real Estate	509	577	68	13.4%	34	10	44
13-2031	Budget Analysts	162	169	7	4.3%	4	3	7
13-2041	Credit Analysts	99	111	12	12.1%	6	2	8
13-2051	Financial Analysts	550	599	49	8.9%	25	7	32
13-2052	Personal Financial Advisors	440	512	72	16.4%	36	5	41
13-2053	Insurance Underwriters	31	36	5	16.1%	3	1	4
13-2061	Financial Examiners	29	32	3	10.3%	2	1	3
13-2071	Loan Counselors	122	138	16	13.1%	8	2	10
13-2072	Loan Officers	778	910	132	17.0%	66	11	77
13-2081	Tax Examiners, Collectors, and Revenue Agents	59	63	4	6.8%	2	1	3
13-2082	Tax Preparers	238	256	18	7.6%	9	4	13
13-2099	Financial Specialists, All Other	434	453	19	4.4%	10	7	17
<b>15-0000</b>	<b>Computer and Mathematical Occupations</b>	<b>9,239</b>	<b>9,683</b>	<b>444</b>	<b>4.8%</b>	<b>222</b>	<b>103</b>	<b>325</b>
15-1000	Computer Specialists	9,111	9,551	440	4.8%	220	99	319
15-1011	Computer and Information Scientists, Research	52	52	0	0.0%	0	1	1
15-1021	Computer Programmers	1,180	1,216	36	3.1%	18	26	44
15-1031	Computer Software Engineers, Applications	1,705	1,775	70	4.1%	35	14	49
15-1032	Computer Software Engineers, Systems Software	1,351	1,370	19	1.4%	10	11	21

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15-1041	Computer Support Specialists	1,970	2,049	79	4.0%	40	21	61
15-1051	Computer Systems Analysts	1,082	1,139	57	5.3%	29	11	40
15-1061	Database Administrators	231	247	16	6.9%	8	2	10
15-1071	Network and Computer Systems Administrators	413	451	38	9.2%	19	4	23
15-1081	Network Systems and Data Communications Analysts	422	466	44	10.4%	22	4	26
15-1099	Computer Specialists, All Other	705	786	81	11.5%	41	7	48
15-2000	Mathematical Scientists	128	132	4	3.1%	2	4	6
15-2011	Actuaries	**	**	**	0.0%	**	**	**
15-2021	Mathematicians	48	50	2	4.2%	1	2	3
15-2031	Operations Research Analysts	61	62	1	1.6%	1	1	2
15-2041	Statisticians	15	16	1	6.7%	1	1	2
15-2091	Mathematical Technicians	**	**	**	**	**	**	**
15-2099	Mathematical Science Occupations, All Other	**	**	**	0.0%	**	**	**
<b>17-0000</b>	<b>Architecture and Engineering Occupations</b>	<b>10,792</b>	<b>11,245</b>	<b>453</b>	<b>4.2%</b>	<b>227</b>	<b>232</b>	<b>459</b>
17-1000	Architects, Surveyors, and Cartographers	987	1,064	77	7.8%	39	18	57
17-1011	Architects, Except Landscape and Naval	393	430	37	9.4%	19	4	23
17-1012	Landscape Architects	271	290	19	7.0%	10	3	13
17-1021	Cartographers and Photogrammetrists	48	51	3	6.3%	2	2	4
17-1022	Surveyors	275	293	18	6.5%	9	10	19
17-1099	Architects, Surveyors, and Cartographers, All Other (OES	**	**	**	**	**	**	**
17-2000	Engineers	7,393	7,627	234	3.2%	117	156	273
17-2011	Aerospace Engineers	1,444	1,470	26	1.8%	13	35	48
17-2021	Agricultural Engineers	**	**	**	14.3%	**	**	**
17-2031	Biomedical Engineers	42	46	4	9.5%	2	1	3
17-2041	Chemical Engineers	42	45	3	7.1%	2	1	3
17-2051	Civil Engineers	703	753	50	7.1%	25	10	35
17-2061	Computer Hardware Engineers	269	259	-10	-3.7%	-5	4	-1
17-2071	Electrical Engineers	1,071	1,074	3	0.3%	2	20	22
17-2072	Electronics Engineers, Except Computer	486	497	11	2.3%	6	9	15
17-2081	Environmental Engineers	105	116	11	10.5%	6	2	8
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	48	51	3	6.3%	2	1	3
17-2112	Industrial Engineers	540	550	10	1.9%	5	13	18
17-2121	Marine Engineers and Naval Architects	**	**	**	0.0%	**	**	**
17-2131	Materials Engineers	26	28	2	7.7%	1	1	2
17-2141	Mechanical Engineers	1,398	1,405	7	0.5%	4	39	43
17-2151	Mining and Geological Engineers, Including Mining Safety	74	80	6	8.1%	3	2	5
17-2161	Nuclear Engineers	**	**	**	33.3%	**	**	**
17-2171	Petroleum Engineers	23	25	2	8.7%	1	1	2

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17-2199	Engineers, All Other	1,101	1,203	102	9.3%	51	20	71
17-3000	Drafters, Engineering, and Mapping Technicians	2,412	2,554	142	5.9%	71	58	129
17-3011	Architectural and Civil Drafters	162	176	14	8.6%	7	5	12
17-3012	Electrical and Electronics Drafters	93	96	3	3.2%	2	3	5
17-3013	Mechanical Drafters	232	241	9	3.9%	5	7	12
17-3021	Aerospace Engineering and Operations Technicians	**	**	**	0.0%	**	**	**
17-3022	Civil Engineering Technicians	264	280	16	6.1%	8	5	13
17-3023	Electrical and Electronic Engineering Technicians	678	699	21	3.1%	11	13	24
17-3024	Electro-Mechanical Technicians	**	**	**	0.0%	**	**	**
17-3025	Environmental Engineering Technicians	74	80	6	8.1%	3	2	5
17-3026	Industrial Engineering Technicians	92	93	1	1.1%	1	2	3
17-3027	Mechanical Engineering Technicians	165	177	12	7.3%	6	3	9
17-3031	Surveying and Mapping Technicians	311	342	31	10.0%	16	13	29
17-3099	Drafters, Engineering, and Mapping Technicians, All Other	329	358	29	8.8%	15	8	23
<b>19-0000</b>	<b>Life, Physical, and Social Science Occupations</b>	<b>2,906</b>	<b>3,108</b>	<b>202</b>	<b>7.0%</b>	<b>101</b>	<b>70</b>	<b>171</b>
19-1000	Life Scientists	321	342	21	6.5%	11	8	19
19-1010	Agricultural and Food Scientists	53	56	3	5.7%	2	1	3
19-1021	Biochemists and Biophysicists	**	**	**	0.0%	**	**	**
19-1022	Microbiologists	26	29	3	11.5%	2	1	3
19-1023	Zoologists and Wildlife Biologists	27	28	1	3.7%	1	1	2
19-1029	Biological Scientists, All Other	47	48	1	2.1%	1	2	3
19-1031	Conservation Scientists	34	35	1	2.9%	1	1	2
19-1032	Foresters	18	19	1	5.6%	1	1	2
19-1041	Epidemiologists	**	**	**	0.0%	**	**	**
19-1042	Medical Scientists, Except Epidemiologists	61	68	7	11.5%	4	1	5
19-1099	Life Scientists, All Other	50	54	4	8.0%	2	1	3
19-2000	Physical Scientists	687	738	51	7.4%	26	18	44
19-2011	Astronomers	**	**	**	0.0%	**	**	**
19-2012	Physicists	129	137	8	6.2%	4	4	8
19-2021	Atmospheric and Space Scientists	**	**	**	0.0%	**	**	**
19-2031	Chemists	106	117	11	10.4%	6	4	10
19-2032	Materials Scientists	92	102	10	10.9%	5	3	8
19-2041	Environmental Scientists and Specialists, Including Health	89	95	6	6.7%	3	2	5
19-2042	Geoscientists, Except Hydrologists and Geographers	87	93	6	6.9%	3	2	5
19-2043	Hydrologists	95	101	6	6.3%	3	2	5
19-2099	Physical Scientists, All Other	80	84	4	5.0%	2	2	4
19-3000	Social Scientists and Related Workers	1,300	1,387	87	6.7%	44	31	75
19-3011	Economists	**	**	**	25.0%	**	**	**
19-3021	Market Research Analysts	396	414	18	4.5%	9	11	20

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19-3022	Survey Researchers	148	160	12	8.1%	6	4	10
19-3031	Clinical, Counseling, and School Psychologists	463	503	40	8.6%	20	10	30
19-3032	Industrial-Organizational Psychologists	**	**	**	100.0%	**	**	**
19-3041	Sociologists	**	**	**	**	**	**	**
19-3051	Urban and Regional Planners	128	134	6	4.7%	3	4	7
19-3091	Anthropologists and Archeologists	30	33	3	10.0%	2	1	3
19-3092	Geographers	**	**	**	100.0%	**	**	**
19-3093	Historians	**	**	**	33.3%	**	**	**
19-3094	Political Scientists	**	**	**	**	**	**	**
19-3099	Social Scientists and Related Workers, All Other	126	130	4	3.2%	2	3	5
19-4000	Life, Physical, and Social Science Technicians	598	641	43	7.2%	22	13	35
19-4011	Agricultural and Food Science Technicians	12	13	1	8.3%	1	0	1
19-4021	Biological Technicians	49	53	4	8.2%	2	1	3
19-4031	Chemical Technicians	176	189	13	7.4%	7	4	11
19-4041	Geological and Petroleum Technicians	**	**	**	0.0%	**	**	**
19-4091	Environmental Science and Protection Technicians, Including	68	76	8	11.8%	4	2	6
19-4092	Forensic Science Technicians	51	53	2	3.9%	1	1	2
19-4093	Forest and Conservation Technicians	102	109	7	6.9%	4	3	7
19-4099	Life, Physical, and Social Science Technicians, All Other	134	142	8	6.0%	4	3	7
<b>21-0000</b>	<b>Community and Social Services Occupations</b>	<b>5,444</b>	<b>5,898</b>	<b>454</b>	<b>8.3%</b>	<b>227</b>	<b>94</b>	<b>321</b>
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists	4,330	4,725	395	9.1%	198	76	274
21-1011	Substance Abuse and Behavioral Disorder Counselors	193	211	18	9.3%	9	4	13
21-1012	Educational, Vocational, and School Counselors	916	942	26	2.8%	13	19	32
21-1013	Marriage and Family Therapists	114	129	15	13.2%	8	3	11
21-1014	Mental Health Counselors	256	288	32	12.5%	16	6	22
21-1015	Rehabilitation Counselors	191	211	20	10.5%	10	4	14
21-1021	Child, Family, and School Social Workers	646	707	61	9.4%	31	10	41
21-1022	Medical and Public Health Social Workers	240	269	29	12.1%	15	4	19
21-1023	Mental Health and Substance Abuse Social Workers	134	149	15	11.2%	8	2	10
21-1091	Health Educators	92	100	8	8.7%	4	2	6
21-1092	Probation Officers and Correctional Treatment Specialists	474	488	14	3.0%	7	8	15
21-1093	Social and Human Service Assistants	1,074	1,231	157	14.6%	79	17	96
21-2000	Religious Workers	721	754	33	4.6%	17	12	29
21-2011	Clergy	422	438	16	3.8%	8	9	17
21-2021	Directors, Religious Activities and Education	299	316	17	5.7%	9	3	12
21-9000	Miscellaneous Counselors, Social, & Religious Workers	393	419	26	6.6%	13	7	20
21-9099	Counselors, Social, and Religious Workers, All Other (OES)	393	419	26	6.6%	13	7	20
<b>23-0000</b>	<b>Legal Occupations</b>	<b>3,357</b>	<b>3,541</b>	<b>184</b>	<b>5.5%</b>	<b>92</b>	<b>34</b>	<b>126</b>



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23-1000	Lawyers, Judges, and Related Workers	1,717	1,833	116	6.8%	58	20	78
23-1011	Lawyers	1,636	1,748	112	6.8%	56	19	75
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	**	**	**	0.0%	**	**	**
23-1022	Arbitrators, Mediators, and Conciliators	**	**	**	20.0%	**	**	**
23-1023	Judges, Magistrate Judges, and Magistrates	68	71	3	4.4%	2	1	3
23-2000	Legal Support Workers	1,514	1,575	61	4.0%	31	13	44
23-2011	Paralegals and Legal Assistants	538	584	46	8.6%	23	4	27
23-2091	Court Reporters	194	198	4	2.1%	2	2	4
23-2092	Law Clerks	737	745	8	1.1%	4	7	11
23-2093	Title Examiners, Abstractors, and Searchers	45	48	3	6.7%	2	1	3
23-9000	Miscellaneous Legal & Related Workers	126	133	7	5.6%	4	1	5
23-9099	Legal and Related Workers, All Other (OES Only)	126	133	7	5.6%	4	1	5
<b>25-0000</b>	<b>Education, Training, and Library Occupations</b>	<b>28,379</b>	<b>29,993</b>	<b>1,614</b>	<b>5.7%</b>	<b>807</b>	<b>546</b>	<b>1,353</b>
25-1000	Postsecondary Teachers	9,064	9,638	574	6.3%	287	194	481
25-1011	Business Teachers, Postsecondary	370	395	25	6.8%	13	8	21
25-1021	Computer Science Teachers, Postsecondary	784	832	48	6.1%	24	17	41
25-1022	Mathematical Science Teachers, Postsecondary	1,399	1,477	78	5.6%	39	30	69
25-1031	Architecture Teachers, Postsecondary	**	**	**	**	**	**	**
25-1032	Engineering Teachers, Postsecondary	309	327	18	5.8%	9	7	16
25-1041	Agricultural Sciences Teachers, Postsecondary	376	397	21	5.6%	11	8	19
25-1042	Biological Science Teachers, Postsecondary	319	338	19	6.0%	10	7	17
25-1043	Forestry and Conservation Science Teachers, Postsecondary	**	**	**	**	**	**	**
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	139	147	8	5.8%	4	3	7
25-1052	Chemistry Teachers, Postsecondary	978	1,037	59	6.0%	30	21	51
25-1053	Environmental Science Teachers, Postsecondary	234	249	15	6.4%	8	5	13
25-1054	Physics Teachers, Postsecondary	332	353	21	6.3%	11	7	18
25-1061	Anthropology and Archeology Teachers, Postsecondary	**	**	**	**	**	**	**
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	**	**	**	**	**	**	**
25-1063	Economics Teachers, Postsecondary	299	317	18	6.0%	9	7	16
25-1064	Geography Teachers, Postsecondary	**	**	**	**	**	**	**
25-1065	Political Science Teachers, Postsecondary	**	**	**	0.0%	**	**	**
25-1066	Psychology Teachers, Postsecondary	285	304	19	6.7%	10	6	16
25-1067	Sociology Teachers, Postsecondary	11	12	1	9.1%	1	0	1
25-1071	Health Specialties Teachers, Postsecondary	331	352	21	6.3%	11	7	18
25-1072	Nursing Instructors and Teachers, Postsecondary	283	301	18	6.4%	9	6	15
25-1081	Education Teachers, Postsecondary	16	17	1	6.3%	1	1	2
25-1082	Library Science Teachers, Postsecondary	**	**	**	**	**	**	**

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25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	18	19	1	5.6%	1	1	2
25-1112	Law Teachers, Postsecondary	**	**	**	0.0%	**	**	**
25-1113	Social Work Teachers, Postsecondary	**	**	**	**	**	**	**
25-1121	Art, Drama, and Music Teachers, Postsecondary	190	204	14	7.4%	7	4	11
25-1122	Communications Teachers, Postsecondary	11	12	1	9.1%	1	0	1
25-1123	English Language and Literature Teachers, Postsecondary	498	529	31	6.2%	16	11	27
25-1124	Foreign Language and Literature Teachers, Postsecondary	85	91	6	7.1%	3	2	5
25-1125	History Teachers, Postsecondary	16	17	1	6.3%	1	1	2
25-1126	Philosophy and Religion Teachers, Postsecondary	74	79	5	6.8%	3	2	5
25-1191	Graduate Teaching Assistants	**	**	**	**	**	**	**
25-1192	Home Economics Teachers, Postsecondary	**	**	**	**	**	**	**
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	**	**	**	0.0%	**	**	**
25-1194	Vocational Education Teachers, Postsecondary	334	379	45	13.5%	23	7	30
25-1199	Postsecondary Teachers, All Other	1,363	1,443	80	5.9%	40	29	69
25-2000	Primary, Secondary, and Special Education School Teachers	11,948	12,542	594	5.0%	297	235	532
25-2011	Preschool Teachers, Except Special Education	1,005	1,123	118	11.7%	59	10	69
25-2012	Kindergarten Teachers, Except Special Education	783	832	49	6.3%	25	8	33
25-2021	Elementary School Teachers, Except Special Education	4,956	5,164	208	4.2%	104	97	201
25-2022	Middle School Teachers, Except Special and Vocational	2,086	2,150	64	3.1%	32	41	73
25-2023	Vocational Education Teachers, Middle School	24	25	1	4.2%	1	1	2
25-2031	Secondary School Teachers, Except Special and Vocational	2,367	2,480	113	4.8%	57	63	120
25-2032	Vocational Education Teachers, Secondary School	227	234	7	3.1%	4	6	10
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	267	285	18	6.7%	9	6	15
25-2042	Special Education Teachers, Middle School	96	103	7	7.3%	4	2	6
25-2043	Special Education Teachers, Secondary School	137	146	9	6.6%	5	3	8
25-3000	Other Teachers and Instructors	1,675	1,847	172	10.3%	86	18	104
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	154	170	16	10.4%	8	2	10
25-3021	Self-Enrichment Education Teachers	585	668	83	14.2%	42	7	49
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES	936	1,009	73	7.8%	37	10	47
25-4000	Librarians, Curators, and Archivists	857	884	27	3.2%	14	22	36
25-4010	Archivists, Curators, and Museum Technicians	199	207	8	4.0%	4	5	9
25-4021	Librarians	459	471	12	2.6%	6	10	16
25-4031	Library Technicians	199	206	7	3.5%	4	8	12
25-9000	Other Education, Training, and Library Occupations	4,835	5,082	247	5.1%	124	78	202
25-9011	Audio-Visual Collections Specialists	15	15	0	0.0%	0	0	0
25-9021	Farm and Home Management Advisors	23	24	1	4.3%	1	1	2

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25-9031	Instructional Coordinators	1,441	1,513	72	5.0%	36	20	56
25-9041	Teacher Assistants	3,341	3,514	173	5.2%	87	58	145
25-9199	Library, Museum, Training, and Other Education Workers, All Other (OES Only)	15	16	1	6.7%	1	0	1
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, and Media</b>	<b>7,817</b>	<b>8,263</b>	<b>446</b>	<b>5.7%</b>	<b>223</b>	<b>136</b>	<b>359</b>
27-1000	Art and Design Workers	2,134	2,291	157	7.4%	79	29	108
27-1011	Art Directors	113	115	2	1.8%	1	3	4
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	82	91	9	11.0%	5	2	7
27-1014	Multi-Media Artists and Animators	126	134	8	6.3%	4	3	7
27-1021	Commercial and Industrial Designers	76	79	3	3.9%	2	1	3
27-1022	Fashion Designers	**	**	**	11.1%	**	**	**
27-1023	Floral Designers	323	353	30	9.3%	15	4	19
27-1024	Graphic Designers	845	909	64	7.6%	32	10	42
27-1025	Interior Designers	227	246	19	8.4%	10	3	13
27-1026	Merchandise Displayers and Window Trimmers	154	166	12	7.8%	6	2	8
27-1027	Set and Exhibit Designers	62	64	2	3.2%	1	1	2
27-1099	Art and Design Workers, All Other (OES Only)	117	124	7	6.0%	4	2	6
27-2000	Entertainers and Performers, Sports and Related Workers	2,492	2,623	131	5.3%	66	50	116
27-2011	Actors	49	52	3	6.1%	2	1	3
27-2012	Producers and Directors	263	276	13	4.9%	7	4	11
27-2021	Athletes and Sports Competitors	**	**	**	**	**	**	**
27-2022	Coaches and Scouts	683	716	33	4.8%	17	12	29
27-2023	Umpires, Referees, and Other Sports Officials	33	34	1	3.0%	1	1	2
27-2031	Dancers	**	**	**	0.0%	**	**	**
27-2032	Choreographers	90	98	8	8.9%	4	7	11
27-2041	Music Directors and Composers	424	442	18	4.2%	9	8	17
27-2042	Musicians and Singers	912	965	53	5.8%	27	18	45
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	34	36	2	5.9%	1	1	2
27-3000	Media and Communication Workers	2,227	2,346	119	5.3%	60	39	99
27-3010	Announcers	208	217	9	4.3%	5	6	11
27-3020	News Analysts, Reporters and Correspondents	253	256	3	1.2%	2	6	8
27-3031	Public Relations Specialists	525	565	40	7.6%	20	7	27
27-3041	Editors	314	318	4	1.3%	2	7	9
27-3042	Technical Writers	163	172	9	5.5%	5	5	10
27-3043	Writers and Authors	122	126	4	3.3%	2	2	4
27-3091	Interpreters and Translators	534	577	43	8.1%	22	6	28
27-3099	Media and Communication Workers, All Other	108	115	7	6.5%	4	1	5
27-4000	Media and Communication Equipment Workers	964	1,003	39	4.0%	20	20	40



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27-4011	Audio and Video Equipment Technicians	66	70	4	6.1%	2	2	4
27-4012	Broadcast Technicians	126	132	6	4.8%	3	3	6
27-4013	Radio Operators	**	**	**	**	**	**	**
27-4014	Sound Engineering Technicians	163	175	12	7.4%	6	4	10
27-4021	Photographers	463	473	10	2.2%	5	8	13
27-4031	Camera Operators, Television, Video, and Motion Picture	73	77	4	5.5%	2	2	4
27-4032	Film and Video Editors	45	47	2	4.4%	1	1	2
27-4099	Media and Communication Equipment Workers, All Other	28	29	1	3.6%	1	1	2
<b>29-0000</b>	<b>Healthcare Practitioners and Technical Occupations</b>	<b>19,930</b>	<b>21,927</b>	<b>1,997</b>	<b>10.0%</b>	<b>999</b>	<b>340</b>	<b>1,339</b>
29-1000	Health Diagnosing and Treating Practitioners	11,664	12,816	1,152	9.9%	576	210	786
29-1011	Chiropractors	161	181	20	12.4%	10	3	13
29-1020	Dentists	237	259	22	9.3%	11	4	15
29-1031	Dietitians and Nutritionists	140	150	10	7.1%	5	4	9
29-1041	Optometrists	211	224	13	6.2%	7	6	13
29-1051	Pharmacists	568	627	59	10.4%	30	11	41
29-1061	Anesthesiologists	138	157	19	13.8%	10	2	12
29-1062	Family and General Practitioners	805	903	98	12.2%	49	10	59
29-1063	Internists, General	79	87	8	10.1%	4	1	5
29-1064	Obstetricians and Gynecologists	148	168	20	13.5%	10	2	12
29-1065	Pediatricians, General	229	259	30	13.1%	15	3	18
29-1066	Psychiatrists	115	130	15	13.0%	8	2	10
29-1067	Surgeons	165	187	22	13.3%	11	2	13
29-1069	Physicians and Surgeons, All Other	304	343	39	12.8%	20	4	24
29-1071	Physician Assistants	86	97	11	12.8%	6	1	7
29-1081	Podiatrists	54	59	5	9.3%	3	2	5
29-1111	Registered Nurses	5,730	6,299	569	9.9%	285	106	391
29-1121	Audiologists	168	180	12	7.1%	6	4	10
29-1122	Occupational Therapists	110	123	13	11.8%	7	2	9
29-1123	Physical Therapists	486	534	48	9.9%	24	4	28
29-1124	Radiation Therapists	59	64	5	8.5%	3	1	4
29-1125	Recreational Therapists	42	45	3	7.1%	2	1	3
29-1126	Respiratory Therapists	570	610	40	7.0%	20	18	38
29-1127	Speech-Language Pathologists	259	270	11	4.2%	6	6	12
29-1131	Veterinarians	295	313	18	6.1%	9	7	16
29-1199	Health Diagnosing and Treating Practitioners, All Other	505	547	42	8.3%	21	10	31
29-2000	Health Technologists and Technicians	7,976	8,808	832	10.4%	416	125	541
29-2011	Medical and Clinical Laboratory Technologists	543	578	35	6.4%	18	14	32
29-2012	Medical and Clinical Laboratory Technicians	468	519	51	10.9%	26	12	38
29-2021	Dental Hygienists	823	968	145	17.6%	73	6	79

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29-2031	Cardiovascular Technologists and Technicians	180	195	15	8.3%	8	3	11
29-2032	Diagnostic Medical Sonographers	103	110	7	6.8%	4	2	6
29-2033	Nuclear Medicine Technologists	33	34	1	3.0%	1	1	2
29-2034	Radiologic Technologists and Technicians	748	803	55	7.4%	28	13	41
29-2041	Emergency Medical Technicians and Paramedics	387	409	22	5.7%	11	4	15
29-2051	Dietetic Technicians	151	168	17	11.3%	9	2	11
29-2052	Pharmacy Technicians	744	830	86	11.6%	43	9	52
29-2053	Psychiatric Technicians	286	309	23	8.0%	12	4	16
29-2054	Respiratory Therapy Technicians	13	14	1	7.7%	1	0	1
29-2055	Surgical Technologists	309	341	32	10.4%	16	4	20
29-2056	Veterinary Technologists and Technicians	311	337	26	8.4%	13	4	17
29-2061	Licensed Practical and Licensed Vocational Nurses	1,870	2,078	208	11.1%	104	38	142
29-2071	Medical Records and Health Information Technicians	796	879	83	10.4%	42	10	52
29-2081	Opticians, Dispensing	208	232	24	11.5%	12	4	16
29-2091	Orthotists and Prosthetists	**	**	**	33.3%	**	**	**
29-9000	Other Healthcare Practitioners and Technical Occupations	131	137	6	4.6%	3	3	6
29-9010	Occupational Health and Safety Specialists and Technicians	72	76	4	5.6%	2	2	4
29-9091	Athletic Trainers	59	61	2	3.4%	1	1	2
29-9100	Other Health Practitioners And Technical Workers	159	166	7	4.4%	4	3	7
29-9199	Health Professionals and Technicians, All Other (OES Only)	159	166	7	4.4%	4	3	7
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>11,827</b>	<b>13,198</b>	<b>1,371</b>	<b>11.6%</b>	<b>686</b>	<b>178</b>	<b>864</b>
31-1000	Nursing, Psychiatric, and Home Health Aides	6,630	7,312	682	10.3%	341	78	419
31-1011	Home Health Aides	2,553	2,906	353	13.8%	177	30	207
31-1012	Nursing Aides, Orderlies, and Attendants	3,898	4,209	311	8.0%	156	46	202
31-1013	Psychiatric Aides	179	197	18	10.1%	9	2	11
31-2000	Occupational and Physical Therapist Assistants and Aides	580	662	82	14.1%	41	9	50
31-2011	Occupational Therapist Assistants	70	78	8	11.4%	4	1	5
31-2012	Occupational Therapist Aides	**	**	**	0.0%	**	**	**
31-2021	Physical Therapist Assistants	218	248	30	13.8%	15	4	19
31-2022	Physical Therapist Aides	289	333	44	15.2%	22	5	27
31-9000	Other Healthcare Support Occupations	4,617	5,224	607	13.1%	304	91	395
31-9011	Massage Therapists	451	493	42	9.3%	21	10	31
31-9091	Dental Assistants	679	787	108	15.9%	54	18	72
31-9092	Medical Assistants	2,279	2,644	365	16.0%	183	41	224
31-9093	Medical Equipment Preparers	83	91	8	9.6%	4	2	6
31-9094	Medical Transcriptionists	305	316	11	3.6%	6	6	12
31-9095	Pharmacy Aides	89	97	8	9.0%	4	2	6
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	290	308	18	6.2%	9	5	14
31-9099	Healthcare Support Workers, All Other	441	488	47	10.7%	24	8	32

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<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>8,739</b>	<b>9,142</b>	<b>403</b>	<b>4.6%</b>	<b>202</b>	<b>274</b>	<b>476</b>
33-1000	First-Line Supervisors/Managers, Protective Service Workers	527	552	25	4.7%	13	16	29
33-1011	First-Line Supervisors/Managers of Correctional Officers	75	79	4	5.3%	2	2	4
33-1012	First-Line Supervisors/Managers of Police and Detectives	221	234	13	5.9%	7	7	14
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	89	93	4	4.5%	2	4	6
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	142	146	4	2.8%	2	4	6
33-2000	Fire Fighting and Prevention Workers	1,005	1,049	44	4.4%	22	27	49
33-2011	Fire Fighters	962	1,004	42	4.4%	21	26	47
33-2021	Fire Inspectors and Investigators	43	45	2	4.7%	1	1	2
33-2022	Forest Fire Inspectors and Prevention Specialists	**	**	**	**	**	**	**
33-3000	Law Enforcement Workers	2,895	3,082	187	6.5%	94	68	162
33-3011	Bailiffs	31	31	0	0.0%	0	1	1
33-3012	Correctional Officers and Jailers	492	514	22	4.5%	11	10	21
33-3021	Detectives and Criminal Investigators	327	351	24	7.3%	12	8	20
33-3031	Fish and Game Wardens	**	**	**	**	**	**	**
33-3041	Parking Enforcement Workers	54	56	2	3.7%	1	1	2
33-3051	Police and Sheriff's Patrol Officers	1,989	2,128	139	7.0%	70	49	119
33-3052	Transit and Railroad Police	**	**	**	0.0%	**	**	**
33-9000	Other Protective Service Workers	4,312	4,459	147	3.4%	74	165	239
33-9011	Animal Control Workers	38	39	1	2.6%	1	4	5
33-9021	Private Detectives and Investigators	85	88	3	3.5%	2	2	4
33-9031	Gaming Surveillance Officers and Gaming Investigators	190	196	6	3.2%	3	5	8
33-9032	Security Guards	3,082	3,176	94	3.0%	47	72	119
33-9091	Crossing Guards	208	216	8	3.8%	4	7	11
33-9099	Protective Service Workers, All Other	709	744	35	4.9%	18	76	94
<b>35-0000</b>	<b>Food Preparation and Serving Related Occupations</b>	<b>31,910</b>	<b>34,619</b>	<b>2,709</b>	<b>8.5%</b>	<b>1,355</b>	<b>1,564</b>	<b>2,919</b>
35-1000	Supervisors, Food Preparation and Serving Workers	2,386	2,583	197	8.3%	99	63	162
35-1011	Chefs and Head Cooks	183	202	19	10.4%	10	7	17
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	2,203	2,381	178	8.1%	89	57	146
35-2000	Cooks and Food Preparation Workers	9,129	9,798	669	7.3%	335	379	714
35-2011	Cooks, Fast Food	2,276	2,423	147	6.5%	74	91	165
35-2012	Cooks, Institution and Cafeteria	1,189	1,233	44	3.7%	22	47	69
35-2013	Cooks, Private Household	**	**	**	14.3%	**	**	**
35-2014	Cooks, Restaurant	2,362	2,586	224	9.5%	112	94	206
35-2015	Cooks, Short Order	550	591	41	7.5%	21	22	43
35-2021	Food Preparation Workers	2,745	2,957	212	7.7%	106	125	231

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35-3000	Food and Beverage Serving Workers	16,160	17,665	1,505	9.3%	753	937	1,690
35-3011	Bartenders	1,221	1,315	94	7.7%	47	47	94
35-3021	Combined Food Preparation and Serving Workers, Including	6,076	6,661	585	9.6%	293	331	624
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,101	1,182	81	7.4%	41	116	157
35-3031	Waiters and Waitresses	7,083	7,749	666	9.4%	333	414	747
35-3041	Food Servers, Nonrestaurant	679	758	79	11.6%	40	30	70
35-9000	Other Food Preparation and Serving Related Workers	4,235	4,573	338	8.0%	169	185	354
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1,165	1,273	108	9.3%	54	53	107
35-9021	Dishwashers	1,747	1,861	114	6.5%	57	83	140
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,302	1,417	115	8.8%	58	49	107
35-9099	Food Preparation and Serving Related Workers, All Other	21	22	1	4.8%	1	1	2
<b>37-0000</b>	<b>Building and Grounds Cleaning and Maintenance</b>	<b>15,768</b>	<b>16,690</b>	<b>922</b>	<b>5.8%</b>	<b>461</b>	<b>313</b>	<b>774</b>
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	1,100	1,160	60	5.5%	30	17	47
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	551	586	35	6.4%	18	13	31
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	549	574	25	4.6%	13	5	18
37-2000	Building Cleaning and Pest Control Workers	9,781	10,351	570	5.8%	285	190	475
37-2011	Janitors and Cleaners, Except Maids and Housekeeping	4,666	4,877	211	4.5%	106	88	194
37-2012	Maids and Housekeeping Cleaners	4,646	5,012	366	7.9%	183	96	279
37-2021	Pest Control Workers	469	462	-7	-1.5%	-4	6	3
37-3000	Grounds Maintenance Workers	4,887	5,179	292	6.0%	146	106	252
37-3011	Landscaping and Groundskeeping Workers	4,800	5,091	291	6.1%	146	105	251
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	52	51	-1	-1.9%	-1	1	1
37-3013	Tree Trimmers and Pruners	**	**	**	0.0%	**	**	**
37-9099	Building and Grounds Cleaning and Maintenance Workers, All Other (OES Only)	32	34	2	6.3%	1	1	2
<b>39-0000</b>	<b>Personal Care and Service Occupations</b>	<b>12,529</b>	<b>13,282</b>	<b>753</b>	<b>6.0%</b>	<b>377</b>	<b>303</b>	<b>680</b>
39-1000	Supervisors, Personal Care and Service Workers	1,300	1,339	39	3.0%	20	29	49
39-1011	Gaming Supervisors	234	240	6	2.6%	3	5	8
39-1012	Slot Key Persons	350	355	5	1.4%	3	7	10
39-1021	First-Line Supervisors/Managers of Personal Service Workers	716	744	28	3.9%	14	18	32
39-2000	Animal Care and Service Workers	239	250	11	4.6%	6	6	12
39-2011	Animal Trainers	17	17	0	0.0%	0	1	1
39-2021	Nonfarm Animal Caretakers	222	233	11	5.0%	6	5	11
39-3000	Entertainment Attendants and Related Workers	1,116	1,176	60	5.4%	30	51	81
39-3011	Gaming Dealers	157	160	3	1.9%	2	7	9

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39-3012	Gaming and Sports Book Writers and Runners	98	101	3	3.1%	2	4	6
39-3021	Motion Picture Projectionists	19	20	1	5.3%	1	1	2
39-3031	Ushers, Lobby Attendants, and Ticket Takers	178	187	9	5.1%	5	15	20
39-3091	Amusement and Recreation Attendants	472	507	35	7.4%	18	17	35
39-3092	Costume Attendants	**	**	**	**	**	**	**
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	36	39	3	8.3%	2	2	4
39-3199	Gaming Workers, All Other (OES Only)	156	162	6	3.8%	3	6	9
39-4000	Funeral Service Workers	65	66	1	1.5%	1	2	3
39-4011	Embalmers	**	**	**	0.0%	**	**	**
39-4021	Funeral Attendants	59	60	1	1.7%	1	2	3
39-5000	Personal Appearance Workers	2,045	2,110	65	3.2%	33	38	71
39-5011	Barbers	87	88	1	1.1%	1	3	4
39-5012	Hairdressers, Hairstylists, and Cosmetologists	1,651	1,698	47	2.8%	24	30	54
39-5092	Manicurists and Pedicurists	65	69	4	6.2%	2	1	3
39-5093	Shampooers	31	31	0	0.0%	0	1	1
39-5094	Skin Care Specialists	211	224	13	6.2%	7	4	11
39-6000	Transportation, Tourism, and Lodging Attendants	308	341	33	10.7%	17	9	26
39-6011	Baggage Porters and Bellhops	145	164	19	13.1%	10	5	15
39-6012	Concierges	52	60	8	15.4%	4	2	6
39-6021	Tour Guides and Escorts	56	59	3	5.4%	2	2	4
39-6022	Travel Guides	42	43	1	2.4%	1	1	2
39-6031	Flight Attendants	10	12	2	20.0%	1	0	1
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	**	**	**	0.0%	**	**	**
39-9000	Other Personal Care and Service Workers	7,456	8,000	544	7.3%	272	170	442
39-9011	Child Care Workers	2,499	2,660	161	6.4%	81	73	154
39-9021	Personal and Home Care Aides	1,878	2,069	191	10.2%	96	29	125
39-9031	Fitness Trainers and Aerobics Instructors	835	922	87	10.4%	44	19	63
39-9032	Recreation Workers	1,265	1,335	70	5.5%	35	28	63
39-9041	Residential Advisors	84	88	4	4.8%	2	2	4
39-9099	Personal Care and Service Workers, All Other	895	926	31	3.5%	16	21	37
<b>41-0000</b>	<b>Sales and Related Occupations</b>	<b>37,098</b>	<b>40,240</b>	<b>3,142</b>	<b>8.5%</b>	<b>1,571</b>	<b>1,415</b>	<b>2,986</b>
41-1000	Supervisors, Sales Workers	5,147	5,575	428	8.3%	214	85	299
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	4,037	4,345	308	7.6%	154	66	220
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	1,110	1,230	120	10.8%	60	19	79
41-2000	Retail Sales Workers	22,261	24,115	1,854	8.3%	927	1,123	2,050
41-2011	Cashiers	9,168	9,942	774	8.4%	387	593	980
41-2012	Gaming Change Persons and Booth Cashiers	111	114	3	2.7%	2	7	9
41-2021	Counter and Rental Clerks	1,065	1,188	123	11.5%	62	50	112



## 2004-2006 Tucson MSA Occupation Projections

2004-2006 Tucson MSA Occupation Projections								
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41-2022	Parts Salespersons	656	693	37	5.6%	19	20	39
41-2031	Retail Salespersons	11,261	12,178	917	8.1%	459	454	913
41-3000	Sales Representatives, Services	3,086	3,379	293	9.5%	147	61	208
41-3011	Advertising Sales Agents	466	485	19	4.1%	10	9	19
41-3021	Insurance Sales Agents	1,240	1,438	198	16.0%	99	28	127
41-3031	Securities, Commodities, and Financial Services Sales Agents	498	581	83	16.7%	42	5	47
41-3041	Travel Agents	882	875	-7	-0.8%	-4	19	16
41-4000	Sales Representatives, Wholesale and Manufacturing	3,378	3,723	345	10.2%	173	88	261
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	824	910	86	10.4%	43	22	65
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,554	2,813	259	10.1%	130	66	196
41-9000	Other Sales and Related Workers	3,226	3,448	222	6.9%	111	59	170
41-9011	Demonstrators and Product Promoters	124	141	17	13.7%	9	3	12
41-9021	Real Estate Brokers	107	121	14	13.1%	7	2	9
41-9022	Real Estate Sales Agents	832	951	119	14.3%	60	16	76
41-9031	Sales Engineers	162	182	20	12.3%	10	5	15
41-9041	Telemarketers	1,193	1,173	-20	-1.7%	-10	19	9
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	101	104	3	3.0%	2	3	5
41-9099	Sales and Related Workers, All Other	707	776	69	9.8%	35	13	48
<b>43-0000</b>	<b>Office and Administrative Support Occupations</b>	<b>60,945</b>	<b>65,005</b>	<b>4,060</b>	<b>6.7%</b>	<b>2,030</b>	<b>1,354</b>	<b>3,384</b>
43-1000	Supervisors, Office and Administrative Support Workers	3,962	4,231	269	6.8%	135	77	212
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	3,962	4,231	269	6.8%	135	77	212
43-2000	Communications Equipment Operators	837	877	40	4.8%	20	22	42
43-2011	Switchboard Operators, Including Answering Service	755	802	47	6.2%	24	20	44
43-2021	Telephone Operators	69	62	-7	-10.1%	-4	2	-2
43-2099	Communications Equipment Operators, All Other	13	13	0	0.0%	0	1	1
43-3000	Financial Clerks	9,793	10,458	665	6.8%	333	221	554
43-3011	Bill and Account Collectors	2,195	2,289	94	4.3%	47	39	86
43-3021	Billing and Posting Clerks and Machine Operators	1,016	1,094	78	7.7%	39	16	55
43-3031	Bookkeeping, Accounting, and Auditing Clerks	4,619	4,885	266	5.8%	133	82	215
43-3041	Gaming Cage Workers	**	**	**	0.0%	**	**	**
43-3051	Payroll and Timekeeping Clerks	637	680	43	6.8%	22	16	38
43-3061	Procurement Clerks	238	253	15	6.3%	8	6	14
43-3071	Tellers	1,082	1,251	169	15.6%	85	62	147
43-4000	Information and Record Clerks	17,020	18,634	1,614	9.5%	807	344	1,151
43-4011	Brokerage Clerks	147	165	18	12.2%	9	2	11

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43-4021	Correspondence Clerks	23	23	0	0.0%	0	1	1
43-4031	Court, Municipal, and License Clerks	63	65	2	3.2%	1	2	3
43-4041	Credit Authorizers, Checkers, and Clerks	254	268	14	5.5%	7	5	12
43-4051	Customer Service Representatives	8,037	8,743	706	8.8%	353	116	469
43-4061	Eligibility Interviewers, Government Programs	42	43	1	2.4%	1	1	2
43-4071	File Clerks	611	643	32	5.2%	16	19	35
43-4081	Hotel, Motel, and Resort Desk Clerks	580	672	92	15.9%	46	30	76
43-4111	Interviewers, Except Eligibility and Loan	771	855	84	10.9%	42	20	62
43-4121	Library Assistants, Clerical	109	114	5	4.6%	3	5	8
43-4131	Loan Interviewers and Clerks	483	539	56	11.6%	28	6	34
43-4141	New Accounts Clerks	145	169	24	16.6%	12	4	16
43-4151	Order Clerks	571	607	36	6.3%	18	13	31
43-4161	Human Resources Assistants, Except Payroll and	545	590	45	8.3%	23	11	34
43-4171	Receptionists and Information Clerks	3,690	4,118	428	11.6%	214	95	309
43-4181	Reservation and Transportation Ticket Agents and Travel	266	294	28	10.5%	14	7	21
43-4999	Financial, Information, and Record Clerks, All Other (OES	683	726	43	6.3%	22	10	32
43-5000	Material Recording, Scheduling, Dispatching, and Distributing	8,169	8,602	433	5.3%	217	273	490
43-5011	Cargo and Freight Agents	77	82	5	6.5%	3	2	5
43-5021	Couriers and Messengers	286	310	24	8.4%	12	7	19
43-5031	Police, Fire, and Ambulance Dispatchers	110	113	3	2.7%	2	3	5
43-5032	Dispatchers, Except Police, Fire, and Ambulance	667	691	24	3.6%	12	14	26
43-5041	Meter Readers, Utilities	160	162	2	1.3%	1	5	6
43-5051	Postal Service Clerks	160	170	10	6.3%	5	4	9
43-5052	Postal Service Mail Carriers	842	902	60	7.1%	30	25	55
43-5053	Postal Service Mail Sorters, Processors, and Processing							
	Machine Operators	429	450	21	4.9%	11	10	21
43-5061	Production, Planning, and Expediting Clerks	720	753	33	4.6%	17	17	34
43-5071	Shipping, Receiving, and Traffic Clerks	1,503	1,582	79	5.3%	40	30	70
43-5081	Stock Clerks and Order Fillers	3,128	3,292	164	5.2%	82	156	238
43-5111	Weighers, Measurers, Checkers, and Samplers,	87	95	8	9.2%	4	2	6
43-5199	Material Recording, Scheduling, Dispatching, and Distributing	**	**	**	**	**	**	**
43-6000	Secretaries and Administrative Assistants	10,969	11,439	470	4.3%	235	191	426
43-6011	Executive Secretaries and Administrative Assistants	5,122	5,383	261	5.1%	131	89	220
43-6012	Legal Secretaries	643	683	40	6.2%	20	11	31
43-6013	Medical Secretaries	347	373	26	7.5%	13	6	19
43-6014	Secretaries, Except Legal, Medical, and Executive	4,857	5,000	143	2.9%	72	85	157
43-9000	Other Office and Administrative Support Workers	10,195	10,764	569	5.6%	285	228	513
43-9011	Computer Operators	637	654	17	2.7%	9	13	22
43-9021	Data Entry Keyers	697	737	40	5.7%	20	17	37

## 2004-2006 Tucson MSA Occupation Projections

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43-9022	Word Processors and Typists	253	250	-3	-1.2%	-2	6	5
43-9031	Desktop Publishers	69	75	6	8.7%	3	2	5
43-9041	Insurance Claims and Policy Processing Clerks	83	96	13	15.7%	7	1	8
43-9051	Mail Clerks and Mail Machine Operators, Except Postal	268	280	12	4.5%	6	9	15
43-9061	Office Clerks, General	6,935	7,380	445	6.4%	223	154	377
43-9071	Office Machine Operators, Except Computer	344	358	14	4.1%	7	9	16
43-9081	Proofreaders and Copy Markers	257	266	9	3.5%	5	6	11
43-9111	Statistical Assistants	38	38	0	0.0%	0	1	1
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers, All Other (OES Only)	614	630	16	2.6%	8	13	21
<b>45-0000</b>	<b>Farming, Fishing, and Forestry Occupations</b>	<b>825</b>	<b>843</b>	<b>18</b>	<b>2.2%</b>	<b>9</b>	<b>25</b>	<b>34</b>
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	104	108	4	3.8%	2	3	5
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and	104	108	4	3.8%	2	3	5
45-1012	Farm Labor Contractors	**	**	**	**	**	**	**
45-2000	Agricultural Workers	677	692	15	2.2%	8	21	29
45-2011	Agricultural Inspectors	17	18	1	5.9%	1	1	2
45-2021	Animal Breeders	**	**	**	**	**	**	**
45-2041	Graders and Sorters, Agricultural Products	23	25	2	8.7%	1	1	2
45-2091	Agricultural Equipment Operators	27	28	1	3.7%	1	1	2
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	579	589	10	1.7%	5	18	23
45-2093	Farmworkers, Farm and Ranch Animals	31	32	1	3.2%	1	1	2
45-3000	Fishing and Hunting Workers	**	**	**	**	**	**	**
45-3011	Fishers and Related Fishing Workers	**	**	**	**	**	**	**
45-3021	Hunters and Trappers	**	**	**	**	**	**	**
45-4000	Forest, Conservation, and Logging Workers	**	**	**	50.0%	**	**	**
45-4011	Forest and Conservation Workers	**	**	**	50.0%	**	**	**
45-4021	Fallers	**	**	**	**	**	**	**
45-4022	Logging Equipment Operators	**	**	**	**	**	**	**
45-4023	Log Graders and Scalers	**	**	**	**	**	**	**
45-9000	Other Farming, Fishing, and Forestry Workers	42	40	-2	-4.8%	-1	1	0
45-9099	Farming, Fishing, and Forestry Workers, All Other (OES Only)	42	40	-2	-4.8%	-1	1	0
<b>47-0000</b>	<b>Construction and Extraction Occupations</b>	<b>28,817</b>	<b>31,429</b>	<b>2,612</b>	<b>9.1%</b>	<b>1,306</b>	<b>550</b>	<b>1,856</b>
47-1000	Supervisors, Construction and Extraction Workers	1,915	2,078	163	8.5%	82	28	110
47-1011	First-Line Supervisors/Managers of Construction Trades and	1,915	2,078	163	8.5%	82	28	110
47-2000	Construction Trades Workers	23,527	25,760	2,233	9.5%	1,117	407	1,524
47-2011	Boilermakers	**	**	**	12.5%	**	**	**
47-2021	Brickmasons and Blockmasons	598	656	58	9.7%	29	8	37
47-2022	Stonemasons	366	439	73	19.9%	37	5	42
47-2031	Carpenters	5,537	6,032	495	8.9%	248	81	329

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47-2041	Carpet Installers	315	340	25	7.9%	13	4	17
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	205	220	15	7.3%	8	3	11
47-2044	Tile and Marble Setters	693	773	80	11.5%	40	10	50
47-2051	Cement Masons and Concrete Finishers	1,595	1,758	163	10.2%	82	30	112
47-2061	Construction Laborers	2,578	2,781	203	7.9%	102	32	134
47-2071	Paving, Surfacing, and Tamping Equipment Operators	271	293	22	8.1%	11	4	15
47-2072	Pile-Driver Operators	**	**	**	**	**	**	**
47-2073	Operating Engineers and Other Construction Equipment	1,445	1,564	119	8.2%	60	36	96
47-2081	Drywall and Ceiling Tile Installers	1,225	1,352	127	10.4%	64	25	89
47-2082	Tapers	639	703	64	10.0%	32	13	45
47-2111	Electricians	2,078	2,273	195	9.4%	98	39	137
47-2121	Glaziers	157	171	14	8.9%	7	3	10
47-2130	Insulation Workers	149	159	10	6.7%	5	5	10
47-2141	Painters, Construction and Maintenance	1,550	1,725	175	11.3%	88	22	110
47-2142	Paperhangers	**	**	**	**	**	**	**
47-2151	Pipelayers	129	139	10	7.8%	5	3	8
47-2152	Plumbers, Pipefitters, and Steamfitters	1,325	1,461	136	10.3%	68	29	97
47-2161	Plasterers and Stucco Masons	508	552	44	8.7%	22	9	31
47-2171	Reinforcing Iron and Rebar Workers	145	168	23	15.9%	12	3	15
47-2181	Roofers	890	969	79	8.9%	40	20	60
47-2211	Sheet Metal Workers	1,030	1,127	97	9.4%	49	25	74
47-2221	Structural Iron and Steel Workers	91	96	5	5.5%	3	2	5
47-3000	Helpers, Construction Trades	2,255	2,418	163	7.2%	82	93	175
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	421	451	30	7.1%	15	18	33
47-3012	Helpers--Carpenters	310	332	22	7.1%	11	13	24
47-3013	Helpers--Electricians	295	321	26	8.8%	13	12	25
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco	174	195	21	12.1%	11	7	18
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	654	701	47	7.2%	24	27	51
47-3016	Helpers--Roofers	130	142	12	9.2%	6	6	12
47-3019	Helpers, Construction Trades, All Other	271	276	5	1.8%	3	11	14
47-4000	Other Construction and Related Workers	670	697	27	4.0%	14	14	28
47-4011	Construction and Building Inspectors	348	370	22	6.3%	11	7	18
47-4021	Elevator Installers and Repairers	47	48	1	2.1%	1	1	2
47-4031	Fence Erectors	**	**	**	0.0%	**	**	**
47-4041	Hazardous Materials Removal Workers	116	120	4	3.4%	2	3	5
47-4051	Highway Maintenance Workers	83	85	2	2.4%	1	1	2
47-4061	Rail-Track Laying and Maintenance Equipment Operators	12	11	-1	-8.3%	-1	1	1
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	58	57	-1	-1.7%	-1	2	2

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47-4900	All Other Construction Trades and Related Workers	297	308	11	3.7%	6	5	11
47-4999	Construction Trades and Related Workers, All Other (OES)	297	308	11	3.7%	6	5	11
47-5000	Extraction Workers	153	168	15	9.8%	8	4	12
47-5012	Rotary Drill Operators, Oil and Gas	**	**	**	0.0%	**	**	**
47-5021	Earth Drillers, Except Oil and Gas	50	56	6	12.0%	3	1	4
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	16	18	2	12.5%	1	1	2
47-5041	Continuous Mining Machine Operators	21	23	2	9.5%	1	1	2
47-5042	Mine Cutting and Channeling Machine Operators	**	**	**	20.0%	**	**	**
47-5049	Mining Machine Operators, All Other	11	13	2	18.2%	1	1	2
47-5071	Roustabouts, Oil and Gas	11	11	0	0.0%	0	1	1
47-5081	Helpers--Extraction Workers	30	32	2	6.7%	1	1	2
47-5099	Extraction Workers, All Other	**	**	**	0.0%	**	**	**
<b>49-0000</b>	<b>Installation, Maintenance, and Repair Occupations</b>	<b>13,774</b>	<b>14,762</b>	<b>988</b>	<b>7.2%</b>	<b>494</b>	<b>313</b>	<b>807</b>
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	1,112	1,184	72	6.5%	36	26	62
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1,112	1,184	72	6.5%	36	26	62
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	1,484	1,556	72	4.9%	36	26	62
49-2011	Computer, Automated Teller, and Office Machine Repairers	324	337	13	4.0%	7	4	11
49-2021	Radio Mechanics	**	**	**	0.0%	**	**	**
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	490	516	26	5.3%	13	9	22
49-2091	Avionics Technicians	153	160	7	4.6%	4	4	8
49-2092	Electric Motor, Power Tool, and Related Repairers	38	39	1	2.6%	1	1	2
49-2093	Electrical and Electronics Installers and Repairers,	**	**	**	0.0%	**	**	**
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	107	111	4	3.7%	2	2	4
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	49	50	1	2.0%	1	1	2
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	83	88	5	6.0%	3	2	5
49-2097	Electronic Home Entertainment Equipment Installers and	173	183	10	5.8%	5	3	8
49-2098	Security and Fire Alarm Systems Installers	52	57	5	9.6%	3	1	4
49-2099	Electrical and Electronic Equipment Mechanics, Installers, and Repairers, All Other (OES Only)	**	**	**	**	**	**	**
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	5,118	5,459	341	6.7%	171	134	305
49-3011	Aircraft Mechanics and Service Technicians	790	850	60	7.6%	30	18	48
49-3021	Automotive Body and Related Repairers	527	554	27	5.1%	14	10	24
49-3022	Automotive Glass Installers and Repairers	25	26	1	4.0%	1	1	2
49-3023	Automotive Service Technicians and Mechanics	2,289	2,428	139	6.1%	70	60	130



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49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	442	476	34	7.7%	17	11	28
49-3041	Farm Equipment Mechanics	**	**	**	-50.0%	**	**	**
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	410	442	32	7.8%	16	8	24
49-3043	Rail Car Repairers	30	30	0	0.0%	0	1	1
49-3051	Motorboat Mechanics	**	**	**	25.0%	**	**	**
49-3052	Motorcycle Mechanics	97	106	9	9.3%	5	3	8
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	42	47	5	11.9%	3	1	4
49-3091	Bicycle Repairers	46	50	4	8.7%	2	3	5
49-3092	Recreational Vehicle Service Technicians	55	59	4	7.3%	2	3	5
49-3093	Tire Repairers and Changers	355	380	25	7.0%	13	18	31
49-3099	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers, All Other (OES Only)	**	**	**	**	**	**	**
49-9000	Other Installation, Maintenance, and Repair Occupations	6,060	6,563	503	8.3%	252	127	379
49-9011	Mechanical Door Repairers	20	21	1	5.0%	1	1	2
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	96	107	11	11.5%	6	3	9
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	719	797	78	10.8%	39	9	48
49-9031	Home Appliance Repairers	139	145	6	4.3%	3	3	6
49-9041	Industrial Machinery Mechanics	238	253	15	6.3%	8	5	13
49-9042	Maintenance and Repair Workers, General	2,613	2,858	245	9.4%	123	47	170
49-9043	Maintenance Workers, Machinery	133	140	7	5.3%	4	3	7
49-9044	Millwrights	12	13	1	8.3%	1	1	2
49-9045	Refractory Materials Repairers, Except Brickmasons	**	**	**	**	**	**	**
49-9051	Electrical Power-Line Installers and Repairers	133	140	7	5.3%	4	4	8
49-9052	Telecommunications Line Installers and Repairers	170	186	16	9.4%	8	5	13
49-9061	Camera and Photographic Equipment Repairers	**	**	**	**	**	**	**
49-9062	Medical Equipment Repairers	53	57	4	7.5%	2	2	4
49-9063	Musical Instrument Repairers and Tuners	38	40	2	5.3%	1	1	2
49-9064	Watch Repairers	132	142	10	7.6%	5	4	9
49-9069	Precision Instrument and Equipment Repairers, All Other	**	**	**	0.0%	**	**	**
49-9091	Coin, Vending, and Amusement Machine Servicers and	73	81	8	11.0%	4	2	6
49-9092	Commercial Divers	**	**	**	**	**	**	**
49-9093	Fabric Menders, Except Garment	**	**	**	50.0%	**	**	**
49-9094	Locksmiths and Safe Repairers	93	90	-3	-3.2%	-2	3	2
49-9095	Manufactured Building and Mobile Home Installers	46	50	4	8.7%	2	1	3
49-9096	Riggers	89	97	8	9.0%	4	2	6
49-9097	Signal and Track Switch Repairers	33	34	1	3.0%	1	1	2
49-9098	Helpers--Installation, Maintenance, and Repair Workers	538	576	38	7.1%	19	20	39

## 2004-2006 Tucson MSA Occupation Projections

Standard Occupation Classification (SOC) <sup>1</sup>		Employment		2 Year Change		Average Annual Change		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Growth/ Decline	Sepa- rations <sup>2</sup>	Total <sup>3</sup>
49-9099	Installation, Maintenance, and Repair Workers, All Other	684	727	43	6.3%	22	15	37
<b>51-0000</b>	<b>Production Occupations</b>	<b>15,030</b>	<b>15,723</b>	<b>693</b>	<b>4.6%</b>	<b>347</b>	<b>350</b>	<b>697</b>
51-1000	Supervisors, Production Workers	1,119	1,188	69	6.2%	35	22	57
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,119	1,188	69	6.2%	35	22	57
51-2000	Assemblers and Fabricators	3,220	3,293	73	2.3%	37	80	117
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems	37	37	0	0.0%	0	1	1
51-2021	Coil Winders, Tapers, and Finishers	**	**	**	12.5%	**	**	**
51-2022	Electrical and Electronic Equipment Assemblers	459	460	1	0.2%	1	11	12
51-2023	Electromechanical Equipment Assemblers	132	130	-2	-1.5%	-1	3	2
51-2031	Engine and Other Machine Assemblers	65	67	2	3.1%	1	2	3
51-2041	Structural Metal Fabricators and Fitters	179	185	6	3.4%	3	4	7
51-2091	Fiberglass Laminators and Fabricators	**	**	**	0.0%	**	**	**
51-2092	Team Assemblers	2,123	2,178	55	2.6%	28	54	82
51-2093	Timing Device Assemblers, Adjusters, and Calibrators	**	**	**	0.0%	**	**	**
51-2099	Assemblers and Fabricators, All Other	212	222	10	4.7%	5	6	11
51-3000	Food Processing Workers	1,157	1,246	89	7.7%	45	28	73
51-3011	Bakers	507	551	44	8.7%	22	12	34
51-3021	Butchers and Meat Cutters	369	388	19	5.1%	10	9	19
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	65	72	7	10.8%	4	2	6
51-3023	Slaughterers and Meat Packers	**	**	**	**	**	**	**
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	26	27	1	3.8%	1	1	2
51-3092	Food Batchmakers	120	132	12	10.0%	6	3	9
51-3093	Food Cooking Machine Operators and Tenders	70	76	6	8.6%	3	2	5
51-3099	Food Processing Workers, All Other (OES Only)	**	**	**	**	**	**	**
51-4000	Metal Workers and Plastic Workers	2,814	2,935	121	4.3%	61	64	125
51-4011	Computer-Controlled Machine Tool Operators, Metal and	292	302	10	3.4%	5	4	9
51-4012	Numerical Tool and Process Control Programmers	28	29	1	3.6%	1	1	2
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	100	106	6	6.0%	3	4	7
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	45	47	2	4.4%	1	1	2
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	**	**	**	0.0%	**	**	**
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	268	277	9	3.4%	5	6	11
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	23	24	1	4.3%	1	1	2

## 2004-2006 Tucson MSA Occupation Projections

Standard Occupation Classification (SOC) <sup>1</sup>		Employment		2 Year Change		Average Annual Change		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Growth/Decline	Separa-tions <sup>2</sup>	Total <sup>3</sup>
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	121	126	5	4.1%	3	2	5
51-4034	Lathe and Turning Machine Tool Setters, Operators, and	48	50	2	4.2%	1	1	2
51-4035	Milling and Planing Machine Setters, Operators, and Tenders,	14	14	0	0.0%	0	0	0
51-4041	Machinists	563	581	18	3.2%	9	13	22
51-4051	Metal-Refining Furnace Operators and Tenders	23	25	2	8.7%	1	1	2
51-4062	Patternmakers, Metal and Plastic	**	**	**	0.0%	**	**	**
51-4071	Foundry Mold and Coremakers	10	10	0	0.0%	0	0	0
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	146	149	3	2.1%	2	4	6
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	114	121	7	6.1%	4	3	7
51-4111	Tool and Die Makers	156	162	6	3.8%	3	3	6
51-4121	Welders, Cutters, Solderers, and Brazers	706	747	41	5.8%	21	20	41
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	27	30	3	11.1%	2	1	3
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	**	**	**	0.0%	**	**	**
51-4192	Lay-Out Workers, Metal and Plastic	23	23	0	0.0%	0	1	1
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	40	42	2	5.0%	1	1	2
51-4194	Tool Grinders, Filers, and Sharpeners	31	32	1	3.2%	1	1	2
51-4199	Metal Workers and Plastic Workers, All Other	28	30	2	7.1%	1	1	2
51-5000	Printing Workers	729	748	19	2.6%	10	17	27
51-5011	Bindery Workers	74	74	0	0.0%	0	2	2
51-5012	Bookbinders	**	**	**	**	**	**	**
51-5021	Job Printers	284	288	4	1.4%	2	7	9
51-5022	Prepress Technicians and Workers	104	102	-2	-1.9%	-1	3	2
51-5023	Printing Machine Operators	267	284	17	6.4%	9	6	15
51-6000	Textile, Apparel, and Furnishings Workers	1,350	1,433	83	6.1%	42	31	73
51-6011	Laundry and Dry-Cleaning Workers	720	765	45	6.3%	23	21	44
51-6021	Pressers, Textile, Garment, and Related Materials	132	141	9	6.8%	5	2	7
51-6031	Sewing Machine Operators	240	257	17	7.1%	9	3	12
51-6041	Shoe and Leather Workers and Repairers	14	14	0	0.0%	0	1	1
51-6042	Shoe Machine Operators and Tenders	**	**	**	**	**	**	**
51-6051	Sewers, Hand	**	**	**	0.0%	**	**	**
51-6052	Tailors, Dressmakers, and Custom Sewers	127	136	9	7.1%	5	2	7
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	**	**	**	**	**	**	**
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	**	**	**	**	**	**	**

## 2004-2006 Tucson MSA Occupation Projections

Standard Occupation Classification (SOC) <sup>1</sup>		Employment		2 Year Change		Average Annual Change		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Growth/ Decline	Sepa- rations <sup>2</sup>	Total <sup>3</sup>
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	15	18	3	20.0%	2	0	2
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	**	**	**	**	**	**	**
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	**	**	**	**	**	**	**
51-6092	Fabric and Apparel Patternmakers	14	14	0	0.0%	0	1	1
51-6093	Upholsterers	66	66	0	0.0%	0	2	2
51-6099	Textile, Apparel, and Furnishings Workers, All Other	18	18	0	0.0%	0	1	1
51-7000	Woodworkers	698	721	23	3.3%	12	18	30
51-7011	Cabinetmakers and Bench Carpenters	222	236	14	6.3%	7	6	13
51-7021	Furniture Finishers	112	115	3	2.7%	2	2	4
51-7031	Model Makers, Wood	**	**	**	0.0%	**	**	**
51-7032	Patternmakers, Wood	**	**	**	**	**	**	**
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	69	71	2	2.9%	1	2	3
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	265	270	5	1.9%	3	7	10
51-7099	Woodworkers, All Other	27	26	-1	-3.7%	-1	1	1
51-8000	Plant and System Operators	476	493	17	3.6%	9	13	22
51-8012	Power Distributors and Dispatchers	41	42	1	2.4%	1	1	2
51-8013	Power Plant Operators	69	72	3	4.3%	2	2	4
51-8021	Stationary Engineers and Boiler Operators	121	122	1	0.8%	1	2	3
51-8031	Water and Liquid Waste Treatment Plant and System	166	174	8	4.8%	4	6	10
51-8091	Chemical Plant and System Operators	23	23	0	0.0%	0	1	1
51-8092	Gas Plant Operators	**	**	**	11.1%	**	**	**
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	38	41	3	7.9%	2	1	3
51-8099	Plant and System Operators, All Other	**	**	**	0.0%	**	**	**
51-9000	Other Production Occupations	3,467	3,666	199	5.7%	100	80	180
51-9011	Chemical Equipment Operators and Tenders	20	21	1	5.0%	1	1	2
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	61	66	5	8.2%	3	2	5
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	59	62	3	5.1%	2	2	4
51-9022	Grinding and Polishing Workers, Hand	55	58	3	5.5%	2	2	4
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	142	149	7	4.9%	4	4	8
51-9031	Cutters and Trimmers, Hand	**	**	**	0.0%	**	**	**
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	25	27	2	8.0%	1	1	2

## 2004-2006 Tucson MSA Occupation Projections

Standard Occupation Classification (SOC) <sup>1</sup>		Employment		2 Year Change		Average Annual Change		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Growth/ Decline	Sepa- rations <sup>2</sup>	Total <sup>3</sup>
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	23	23	0	0.0%	0	1	1
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	21	23	2	9.5%	1	1	2
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,213	1,281	68	5.6%	34	27	61
51-9071	Jewelers and Precious Stone and Metal Workers	38	41	3	7.9%	2	1	3
51-9081	Dental Laboratory Technicians	170	178	8	4.7%	4	4	8
51-9082	Medical Appliance Technicians	**	**	**	0.0%	**	**	**
51-9083	Ophthalmic Laboratory Technicians	146	161	15	10.3%	8	3	11
51-9111	Packaging and Filling Machine Operators and Tenders	139	147	8	5.8%	4	3	7
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	64	66	2	3.1%	1	2	3
51-9122	Painters, Transportation Equipment	112	120	8	7.1%	4	3	7
51-9123	Painting, Coating, and Decorating Workers	83	87	4	4.8%	2	2	4
51-9131	Photographic Process Workers	90	94	4	4.4%	2	2	4
51-9132	Photographic Processing Machine Operators	23	25	2	8.7%	1	1	2
51-9141	Semiconductor Processors	252	243	-9	-3.6%	-5	6	2
51-9191	Cementing and Gluing Machine Operators and Tenders	**	**	**	0.0%	**	**	**
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators	**	**	**	0.0%	**	**	**
51-9193	Cooling and Freezing Equipment Operators and Tenders	**	**	**	**	**	**	**
51-9194	Etchers and Engravers	**	**	**	**	**	**	**
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	107	115	8	7.5%	4	3	7
51-9196	Paper Goods Machine Setters, Operators, and Tenders	32	35	3	9.4%	2	1	3
51-9198	Helpers--Production Workers	368	383	15	4.1%	8	11	19
51-9199	Production Workers, All Other	207	244	37	17.9%	19	5	24
53-0000	Transportation and Material Moving Occupations	17,219	18,460	1,241	7.2%	621	385	1,006
53-1000	Supervisors, Transportation and Material Moving Workers	767	820	53	6.9%	27	17	44
53-1011	Aircraft Cargo Handling Supervisors	19	23	4	21.1%	2	1	3
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	245	267	22	9.0%	11	6	17
53-1031	First-Line Supervisors/Managers of Transportation and	503	530	27	5.4%	14	11	25
53-2000	Air Transportation Workers	141	151	10	7.1%	5	4	9
53-2011	Airline Pilots, Copilots, and Flight Engineers	34	35	1	2.9%	1	1	2
53-2012	Commercial Pilots	50	54	4	8.0%	2	1	3
53-2021	Air Traffic Controllers	56	61	5	8.9%	3	2	5
53-2022	Airfield Operations Specialists	**	**	**	0.0%	**	**	**
53-2099	Air Transportation Workers, All Other (OES Only)	**	**	**	**	**	**	**
<b>53-3000</b>	<b>Motor Vehicle Operators</b>	<b>8,223</b>	<b>8,833</b>	<b>610</b>	<b>7.4%</b>	<b>305</b>	<b>117</b>	<b>422</b>
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	10	10	0	0.0%	0	0	0



## 2004-2006 Tucson MSA Occupation Projections

Standard Occupation Classification (SOC) <sup>1</sup>		Employment		2 Year Change		Average Annual Change		
SOC Code	SOC Title	2004 Estimated	2006 Projected	Number	Percent	Growth/Decline	Separations <sup>2</sup>	Total <sup>3</sup>
53-3021	Bus Drivers, Transit and Intercity	1,079	1,132	53	4.9%	27	22	49
53-3022	Bus Drivers, School	844	884	40	4.7%	20	17	37
53-3031	Driver/Sales Workers	1,496	1,587	91	6.1%	46	23	69
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,296	2,526	230	10.0%	115	35	150
53-3033	Truck Drivers, Light or Delivery Services	1,960	2,126	166	8.5%	83	16	99
53-3041	Taxi Drivers and Chauffeurs	451	478	27	6.0%	14	4	18
53-3099	Motor Vehicle Operators, All Other	87	90	3	3.4%	2	1	3
53-4000	Rail Transportation Workers	165	165	0	0.0%	0	4	4
53-4011	Locomotive Engineers	55	55	0	0.0%	0	2	2
53-4012	Locomotive Firers	**	**	**	**	**	**	**
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	**	**	**	**	**	**	**
53-4021	Railroad Brake, Signal, and Switch Operators	35	34	-1	-2.9%	-1	1	1
53-4031	Railroad Conductors and Yardmasters	74	75	1	1.4%	1	2	3
53-4099	Rail Transportation Workers, All Other	**	**	**	**	**	**	**
53-5000	Water Transportation Workers	12	13	1	8.3%	1	0	1
53-5011	Sailors and Marine Oilers	**	**	**	20.0%	**	**	**
53-5021	Captains, Mates, and Pilots of Water Vessels	**	**	**	0.0%	**	**	**
53-5022	Motorboat Operators	**	**	**	0.0%	**	**	**
53-5031	Ship Engineers	**	**	**	0.0%	**	**	**
53-5099	Water Transportation Workers, All Other (OES Only)	**	**	**	**	**	**	**
53-6000	Other Transportation Workers	493	543	50	10.1%	25	18	43
53-6011	Bridge and Lock Tenders	**	**	**	**	**	**	**
53-6021	Parking Lot Attendants	229	246	17	7.4%	9	8	17
53-6031	Service Station Attendants	131	137	6	4.6%	3	7	10
53-6041	Traffic Technicians	**	**	**	14.3%	**	**	**
53-6051	Transportation Inspectors	31	32	1	3.2%	1	1	2
53-6099	Transportation Workers, All Other	95	120	25	26.3%	13	3	16
53-7000	Material Moving Workers	7,418	7,935	517	7.0%	259	226	485
53-7011	Conveyor Operators and Tenders	**	**	**	0.0%	**	**	**
53-7021	Crane and Tower Operators	91	99	8	8.8%	4	2	6
53-7031	Dredge Operators	**	**	**	0.0%	**	**	**
53-7032	Excavating and Loading Machine and Dragline Operators	58	61	3	5.2%	2	2	4
53-7033	Loading Machine Operators, Underground Mining	**	**	**	0.0%	**	**	**
53-7041	Hoist and Winch Operators	**	**	**	**	**	**	**
53-7051	Industrial Truck and Tractor Operators	640	692	52	8.1%	26	12	38
53-7061	Cleaners of Vehicles and Equipment	1,307	1,397	90	6.9%	45	51	96
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	3,086	3,271	185	6.0%	93	116	209
53-7063	Machine Feeders and Offbearers	47	49	2	4.3%	1	2	3
53-7064	Packers and Packagers, Hand	1,849	2,020	171	9.2%	86	35	121

## 2004-2006 Tucson MSA Occupation Projections

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53-7071	Gas Compressor and Gas Pumping Station Operators	**	**	**	**	**	**	**
53-7072	Pump Operators, Except Wellhead Pumpers	11	12	1	9.1%	1	0	1
53-7081	Refuse and Recyclable Material Collectors	197	200	3	1.5%	2	5	7
53-7111	Shuttle Car Operators	**	**	**	0.0%	**	**	**
53-7121	Tank Car, Truck, and Ship Loaders	19	20	1	5.3%	1	1	2
53-7199	Material Moving Workers, All Other	98	99	1	1.0%	1	3	4

<sup>1</sup>For more information on the Standard Occupational Classification (SOC) system, go to: [www.bls.gov/soc/socguide.htm](http://www.bls.gov/soc/socguide.htm)  
For Occupational Dictionary, see:  
[www.workforce.az.gov/admin/uploadedPublications/1700\\_OccupationDictionary04.pdf](http://www.workforce.az.gov/admin/uploadedPublications/1700_OccupationDictionary04.pdf)

<sup>2</sup>Separations are vacancies caused by workers leaving the labor market or changing occupations. Thus an occupation that is not growing or is in decline could still have openings due to separations.

<sup>3</sup>Total annual change is the sum from growth or decline plus separations.

\*\*Data suppressed due to confidentiality or base employment of less than 10.

Prepared by Arizona Dept of Economic Security, Research Administration in cooperation with the U.S. Dept of Labor, Bureau of Labor Statistics, June 2005.

Headings in **bold** font are the major occupational groups of the Standard Occupational Classification (SOC) system.  
Major occupational groups of the SOC are a composite of all individual occupations listed below the major group heading.  
Occupation codes ending in 000 (e.g. 11-1000, 11-2000, 11-3000, etc) are a summation of all the occupations listed below them.

Totals may not add exactly due to rounding or suppression of data.

*The projections presented should be viewed as indicators of relative magnitude and probable direction rather than as forecasts of absolute occupational demand.*  
Furthermore, the occupational forecasts are only measures of expected employment and demand for labor and indicate little about future labor supply.  
It is therefore recommended that these data be used with other sources of occupational information.

See Notes worksheet for additional information. For more information on occupational projections, \ <http://stats.bls.gov/emp/optd/home.htm>

## Methodology

Before using the data in this report, readers should understand this methodology and note its limitations. **The projections presented should be viewed as indicators of relative magnitude and probable direction rather than as forecasts of absolute occupational demand.** Furthermore, the occupational forecasts are only measures of expected employment and demand for labor and indicate little about future labor supply. It is therefore recommended that these data be used with other sources of occupational information.

The total occupational employment of the forecast will be greater than the total nonfarm employment estimated by the Current Employment Statistics (CES) program and Occupational Employment Survey (OES) program for the following reasons. First, self employed, unpaid family workers, and agriculture workers are included in the projections, but not in CES and OES. Next, some industries are not included in the OES data because of low survey response rate and a base employment level that is too small to make any statistically significant estimates.

Employment projections provided in this publication were developed in cooperation with and using techniques based on those developed by the U.S Department of Labor's Bureau of Labor Statistics. This methodology is comprised of five basic steps:

- 1) Industry employment data is compiled from CES and unemployment insurance tax records.
- 2) A fraction of the industry employment is assumed to be self employed or unpaid family workers. The fraction is determined from national surveys and is added to the state's industry employment data.
- 3) Staffing patterns from state and national data are used to divide each industry's total employment into the different occupations for that industry.
- 4) Each industry's total employment is calculated during the forecast period according to the short term industry projections for the same time period that were produced by DES Research Administration. The short term industry projections are available online at:  
<http://www.workforce.az.gov/?PAGEID=67&SUBID=174>
- 5) Total employment in any occupation is not only calculated by changes in the total industry employment, but also by changes in share of that occupation's employment in each industry. The change in the share of total industry employment of any occupation is known as the occupational change factor. When the occupational change factor is determined for each occupation in every industry, the occupational forecasts are finished.

To avoid the possible disclosure of confidential employer information, employment data have been suppressed if: less than three firms reported a single occupation; one firm reported more than 50 percent of the occupational estimate; or two firms combined reported more than 75 percent of the occupational estimate. In certain cases, releases may have been obtained from large employers to waive the confidentiality criteria.